

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: Fri Sep 28 14:15:26 EDT 2007

=====

Reviewer Comments:

<210> 1

<211> 6

<212> PRT

<213> Artificial Sequence

<400> 1

ala ala val ile gln leu

1

5

The (above) sequence id# 1 is invalid, please explain "Artificial".
Please correct the remaining sequences with similar errors.

Application No: 10580744

Version No: 1.0

Input Set:

Output Set:

Started: 2007-09-17 13:43:39.444
Finished: 2007-09-17 13:43:43.120
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 676 ms
Total Warnings: 100
Total Errors: 306
No. of SeqIDs Defined: 100
Actual SeqID Count: 100

Error code	Error Description
E 201	Mandatory field data missing in <141>
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (1)
E 342	'n' position not defined found at POS: 15 SEQID(1)
E 331	Count of Protein differs from the <211> tag Input: 6 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (2)
E 342	'n' position not defined found at POS: 30 SEQID(2)
E 331	Count of Protein differs from the <211> tag Input: 11
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (3)
E 342	'n' position not defined found at POS: 12 SEQID(3)
E 331	Count of Protein differs from the <211> tag Input: 7 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)
E 331	Count of Protein differs from the <211> tag Input: 13
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 224	<220>,<223> section required as <213> has Artificial sequence or

Input Set:

Output Set:

Started: 2007-09-17 13:43:39.444
Finished: 2007-09-17 13:43:43.120
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 676 ms
Total Warnings: 100
Total Errors: 306
No. of SeqIDs Defined: 100
Actual SeqID Count: 100

Error code	Error Description
E 342	'n' position not defined found at POS: 27 SEQID(5)
E 342	'n' position not defined found at POS: 30 SEQID(5)
E 342	'n' position not defined found at POS: 39 SEQID(5)
E 331	Count of Protein differs from the <211> tag Input: 14
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6)
E 331	Count of Protein differs from the <211> tag Input: 8 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (7)
E 342	'n' position not defined found at POS: 21 SEQID(7)
E 331	Count of Protein differs from the <211> tag Input: 12
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (8)
E 331	Count of Protein differs from the <211> tag Input: 9 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (9)
E 342	'n' position not defined found at POS: 15 SEQID(9)
E 342	'n' position not defined found at POS: 18 SEQID(9)
E 331	Count of Protein differs from the <211> tag Input: 14
W 213	Artificial or Unknown found in <213> in SEQ ID (10)

Input Set:

Output Set:

Started: 2007-09-17 13:43:39.444
Finished: 2007-09-17 13:43:43.120
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 676 ms
Total Warnings: 100
Total Errors: 306
No. of SeqIDs Defined: 100
Actual SeqID Count: 100

Error code	Error Description
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (10)
E 342	'n' position not defined found at POS: 12 SEQID(10)
E 342	'n' position not defined found at POS: 36 SEQID(10)
E 331	Count of Protein differs from the <211> tag Input: 13
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (11)
E 342	'n' position not defined found at POS: 24 SEQID(11)
E 331	Count of Protein differs from the <211> tag Input: 9 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)
E 342	'n' position not defined found at POS: 12 SEQID(12)
E 342	'n' position not defined found at POS: 18 SEQID(12)
E 331	Count of Protein differs from the <211> tag Input: 7 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (13)
E 342	'n' position not defined found at POS: 21 SEQID(13)
E 331	Count of Protein differs from the <211> tag Input: 15
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)
E 331	Count of Protein differs from the <211> tag Input: 6 Calculated:

Input Set:

Output Set:

Started: 2007-09-17 13:43:39.444
Finished: 2007-09-17 13:43:43.120
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 676 ms
Total Warnings: 100
Total Errors: 306
No. of SeqIDs Defined: 100
Actual SeqID Count: 100

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (15)
E 342	'n' position not defined found at POS: 9 SEQID(15)
E 342	'n' position not defined found at POS: 21 SEQID(15)
E 342	'n' position not defined found at POS: 24 SEQID(15)
E 331	Count of Protein differs from the <211> tag Input: 10
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (16)
E 342	'n' position not defined found at POS: 9 SEQID(16)
E 331	Count of Protein differs from the <211> tag Input: 8 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (17)
E 342	'n' position not defined found at POS: 6 SEQID(17) This error has occurred more than 20 times, will not be displayed
E 331	Count of Protein differs from the <211> tag Input: 7 Calculated:
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (18)
E 331	Count of Protein differs from the <211> tag Input: 12
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (19)

Input Set:

Output Set:

Started: 2007-09-17 13:43:39.444
Finished: 2007-09-17 13:43:43.120
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 676 ms
Total Warnings: 100
Total Errors: 306
No. of SeqIDs Defined: 100
Actual SeqID Count: 100

Error code	Error Description
E 331	Count of Protein differs from the <211> tag Input: 15
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (20) This error has occurred more than 20 times, will not be displayed
E 331	Count of Protein differs from the <211> tag Input: 11 Calculated: 0 SEQID(20)

SEQUENCE LISTING

<110> Rothe, Helga
 Detappe, Veronique
 Noser, Friedrich

<120> Use Of Peptides For Protecting Skin From Hair-treatment Agents

<130> RP/PI203002 UTH

<140> 10580744

<141> 2007-09-17

<141>

<150> PCT/EP 2004/012768

<151> 2004-11-11

<160> 100

<210> 1

<211> 6

<212> PRT

<213> Artificial Sequence

<400> 1

ala ala val ile gln leu

1 5

<210> 2

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 2

ala asp glu ser lys his val trp ser gln thr

1 5 10

<210> 3

<211> 7

<212> PRT

<213> Artificial Sequence

<400> 3

ala phe thr gln gly leu lys

1 5

<210> 4

<211> 13

<212> PRT

<213> Artificial Sequence

<400> 4

ala gly thr phe ser thr pro arg lys lys phe lys lys

1 5 10

<210> 5

<211> 14

<212> PRT
<213> Artificial Sequence

<400> 5
ala gly thr val leu ile glu asp asn asn phe thr asn glu
1 5 10

<210> 6
<211> 8
<212> PRT
<213> Artificial Sequence

<400> 6
ala thr cys glu ser arg trp thr
1 5

<210> 7
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 7
ala thr pro ser ile leu gln thr pro lys thr thr
1 5 10

<210> 8
<211> 9
<212> PRT
<213> Artificial Sequence

<400> 8
ala val leu thr glu glu asp ser asp
1 5

<210> 9
<211> 14
<212> PRT
<213> Artificial Sequence

<400> 9
asp asp glu glu asn gln ser leu thr thr lys lys glu ser
1 5 10

<210> 10
<211> 13
<212> PRT
<213> Artificial Sequence

<400> 10
asp asp glu asn asp ser tyr thr asp his glu asn ile
1 5 10

<210> 11
<211> 9
<212> PRT
<213> Artificial Sequence

<400> 11
asp asp thr asp glu ile glu asn asp
1 5

<210> 12
<211> 7
<212> PRT
<213> Artificial Sequence

<400> 12
asp glu glu asn ser gln thr
1 5

<210> 13
<211> 15
<212> PRT
<213> Artificial Sequence

<400> 13
asp glu gly glu ser thr gln ser val lys thr pro arg lys lys
1 5 10 15

<210> 14
<211> 6
<212> PRT
<213> Artificial Sequence

<400> 14
asp glu leu his ser ala
1 5

<210> 15
<211> 10
<212> PRT
<213> Artificial Sequence

<400> 15
asp glu asn thr ser glu asn gln ser glu
1 5 10

<210> 16
<211> 8
<212> PRT
<213> Artificial Sequence

<400> 16
asp glu asn val glu asp asp glu
1 5

<210> 17
<211> 7
<212> PRT
<213> Artificial Sequence

<400> 17
asp asn glu val ala asp asn
1 5

<210> 18
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 18
asp tyr thr gln met pro ile ser trp lys arg lys
1 5 10

<210> 19
<211> 15
<212> PRT
<213> Artificial Sequence

<400> 19
glu asp glu glu thr glu gln ser leu pro lys lys glu glu asp
1 5 10 15

<210> 20
<211> 11
<212> PRT
<213> Artificial Sequence

<400> 20
glu asp his trp asn asp pro arg ser ala val
1 5 10

<210> 21
<211> 10
<212> PRT
<213> Artificial Sequence

<400> 21
glu asp asn arg thr pro ser thr ala ile
1 5 10

<210> 22
<211> 15
<212> PRT
<213> Artificial Sequence

<400> 22
glu asp asn thr gln val ile pro arg lys ser leu thr trp ser
1 5 10 15

<210> 23
<211> 13
<212> PRT
<213> Artificial Sequence

<400> 23
glu asp ser tyr thr gln ser leu pro lys lys thr ser
1 5 10

<210> 24
<211> 14

<212> PRT

<213> Artificial Sequence

<400> 24

glu asp thr ser thr glu asn lys asn thr asn asp glu glu

1 5 10

<210> 25

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 25

glu lys his ser tyr thr asn leu ser pro arg

1 5 10

<210> 26

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 26

glu lys ser thr ala asn pro ser gln asp

1 5 10

<210> 27

<211> 6

<212> PRT

<213> Artificial Sequence

<400> 27

glu leu gly gln asn ser

1 5

<210> 28

<211> 9

<212> PRT

<213> Artificial Sequence

<400> 28

glu asn asp thr his met glu asn ser

1 5

<210> 29

<211> 9

<212> PRT

<213> Artificial Sequence

<400> 29

glu asn ser ala asp asn asp glu leu

1 5

<210> 30

<211> 12

<212> PRT

<213> Artificial Sequence

<400> 30

glu ser glu asp asp met val asn thr asp glu glu
1 5 10

<210> 31

<211> 6

<212> PRT

<213> Artificial Sequence

<400> 31

gly ala tyr asn tyr glu
1 5

<210> 32

<211> 9

<212> PRT

<213> Artificial Sequence

<400> 32

gly asn thr arg lys val glu val arg
1 5

<210> 33

<211> 13

<212> PRT

<213> Artificial Sequence

<400> 33

ile phe thr ala tyr gln ser pro arg lys ser thr ile
1 5 10

<210> 34

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 34

ile ser leu thr gln pro lys arg phe trp
1 5 10

<210> 35

<211> 14

<212> PRT

<213> Artificial Sequence

<400> 35

ile val arg lys ser ala thr asn ser leu pro lys lys val
1 5 10

<210> 36

<211> 15

<212> PRT

<213> Artificial Sequence

<400> 36

lys lys glu thr gln phe lys arg ser thr lys gln ser leu ser
1 5 10 15

<210> 37
<211> 8
<212> PRT
<213> Artificial Sequence

<400> 37
lys lys phe ser gln leu leu lys
1 5

<210> 38
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 38
lys lys arg lys lys lys thr met ile lys ser lys
1 5 10

<210> 39
<211> 13
<212> PRT
<213> Artificial Sequence

<400> 39
lys lys arg ser leu ile lys lys ser arg pro lys ser
1 5 10

<210> 40
<211> 14
<212> PRT
<213> Artificial Sequence

<400> 40
lys lys arg ser thr ser thr gln leu val lys arg arg thr
1 5 10

<210> 41
<211> 7
<212> PRT
<213> Artificial Sequence

<400> 41
lys lys arg thr arg leu lys
1 5

<210> 42
<211> 13
<212> PRT
<213> Artificial Sequence

<400> 42
lys lys thr arg ser thr leu gln arg lys ile arg lys
1 5 10

<210> 43
<211> 6

<212> PRT
<213> Artificial Sequence

<400> 43
lys arg ala lys arg arg
1 5

<210> 44
<211> 8
<212> PRT
<213> Artificial Sequence

<400> 44
lys arg gln ser ile his ser ala
1 5

<210> 45
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 45
lys arg ser lys arg thr lys ser pro lys ile ser
1 5 10

<210> 46
<211> 11
<212> PRT
<213> Artificial Sequence

<400> 46
lys arg trp thr gly cys ala leu arg lys arg
1 5 10

<210> 47
<211> 6
<212> PRT
<213> Artificial Sequence

<400> 47
leu glu asn gln glu ile
1 5

<210> 48
<211> 15
<212> PRT
<213> Artificial Sequence

<400> 48
leu ile thr ala ser phe thr gln ser leu pro arg lys ser gly
1 5 10 15

<210> 49
<211> 11
<212> PRT
<213> Artificial Sequence

<400> 49

met ala phe met thr gln ser val his val thr

1 5 10

<210> 50

<211> 8

<212> PRT

<213> Artificial Sequence

<400> 50

met ala val glu asn asp glu ser

1 5

<210> 51

<211> 13

<212> PRT

<213> Artificial Sequence

<400> 51

met glu asp met glu his ser glu asn thr glu ile thr

1 5 10

<210> 52

<211> 14

<212> PRT

<213> Artificial Sequence

<400> 52

met phe ser thr gln thr leu lys arg

1 5

<210> 53

<211> 7

<212> PRT

<213> Artificial Sequence

<400> 53

met gly his val gln ser leu

1 5

<210> 54

<211> 12

<212> PRT

<213> Artificial Sequence

<400> 54

met gly thr trp thr gln ile ser leu pro arg lys

1 5 10

<210> 55

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 55

met ile thr gln leu ile pro arg met ser

1 5 10

<210> 56
<211> 6
<212> PRT
<213> Artificial Sequence

<400> 56
met leu ser gln thr ile
1 5

<210> 57
<211> 10
<212> PRT
<213> Artificial Sequence

<400> 57
met gln thr ile ser pro thr ala arg glu
1 5 10

<210> 58
<211> 13
<212> PRT
<213> Artificial Sequence

<400> 58
met gln thr ser ser tyr ile ala leu thr met ser met
1 5 10

<210> 59
<211> 7
<212> PRT
<213> Artificial Sequence

<400> 59
met ser thr ala val leu ala
1 5

<210> 60
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 60
asn asp glu his asp glu his lys arg val lys thr
1 5 10

<210> 61
<211> 8
<212> PRT
<213> Artificial Sequence

<400> 61
asn asp ser gln leu asp lys thr
1 5

<210> 62
<211> 16

<212> PRT

<213> Artificial Sequence

<400> 62

asn glu asp asp asp glu phe ser ser ser pro arg lys lys thr ser
1 5 10 15

<210> 63

<211> 6

<212> PRT

<213> Artificial Sequence

<400> 63

asn glu ile asp glu gly
1 5

<210> 64

<211> 13

<212> PRT

<213> Artificial Sequence

<400> 64

asn glu met val leu thr gln ser his asn glu asp glu
1 5 10

<210> 65

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 65

asn glu tyr ile leu asp gln thr leu glu asp
1 5 10

<210> 66

<211> 15

<212> PRT

<213> Artificial Sequence

<400> 66

asn lys ala ser ile glu glu asp asn asp pro asn ile arg ser
1 5 10 15

<210> 67

<211> 14

<212> PRT

<213> Artificial Sequence

<400> 67

asn met cys thr gln asn leu leu arg lys thr met ser glu
1 5 10

<210> 68

<211> 9

<212> PRT

<213> Artificial Sequence

<400> 68

asn asn asp glu cys trp ser ala thr

1 5

<210> 69

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 69

asn asn ser pro ser glu glu thr glu ala

1 5 10

<210> 70

<211> 7

<212> PRT

<213> Artificial Sequence

<400> 70

asn val arg lys lys leu lys

1 5

<210> 71

<211> 15

<212> PRT

<213> Artificial Sequence

<400> 71

arg ala lys arg ile thr lys phe thr gln ser ile pro lsy lys

1 5 10 15

<210> 72

<211> 14

<212> PRT

<213> Artificial Sequence

<400> 72

arg gly lys lys leu his arg thr val

1 5

<210> 73

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 73

arg ile lys arg arg ser tyr ser thr ser

1 5 10

<210> 74

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 74

arg ile ser lys lys arg thr tyr ser thr

1 5 10

<210> 75
<211> 10
<212> PRT
<213> Artificial Sequence

<400> 75
arg lsy lsy ser lys ala val lys lys ile
1 5 10

<210> 76
<211> 13
<212> PRT
<213> Artificial Sequence

<400> 76
arg lys ser arg lys leu ile tyr his lys met lys lys
1 5 10

<210> 77
<211> 7
<212> PRT
<213> Artificial Sequence

<400> 77
arg lys val ser gln leu thr
1 5

<210> 78
<211> 11
<212> PRT
<213> Artificial Sequence

<400> 78
arg arg gln ser leu leu thr lys lys ala arg
1 5 10

<210> 79
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 79
arg ser thr ile arg thr his gln leu lsy lys arg
1 5 10

<210> 80
<211> 6
<212> PRT
<213> Artificial Sequence

<400> 80
arg val his tyr lys lys
1 5

<210> 81
<211> 15

<212> PRT

<213> Artificial Sequence

<400> 81

ser ala lys ile ser lsy lys arg ser ser lsy pro ser ala val
1 5 10 15

<210> 82

<211> 7

<212> PRT

<213> Artificial Sequence

<400> 82

ser ala thr leu ala his ile
1 5

<210> 83

<211> 14

<212> PRT

<213> Artificial Sequence

<400> 83

ser met met ser thr leu tyr ser trp ser glu asp met thr
1 5 10

<210> 84

<211> 14

<212> PRT

<213> Artificial Sequence

<400> 84

ser ser val thr gln ser leu gly val ile his phe tyr ser
1 5 10

<210> 85

<211> 8

<212> PRT

<213> Artificial Sequence

<400> 85

ser thr ala ser asp his ser ser
1 5

<210> 86

<211> 8

<212> PRT

<213> Artificial Sequence

<400> 86

ser thr ala val arg arg ser leu
1 5

<210> 87

<211> 15

<212> PRT

<213> Artificial Sequence

<400> 87
ser val gly leu ile thr gln ser ser leu pro lsy lys ser val
1 5 10 15

<210> 88
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 88
thr gly thr ser leu gln his tyr gln ser ser leu
1 5 10

<210> 89
<211> 10
<212> PRT
<213> Artificial Sequence

<400> 89
thr ile ala val tyr thr pro arg lys ser
1 5 10

<210> 90
<211> 14
<212> PRT
<213> Artificial Sequence

<400> 90
thr lys lys arg lys ile thr gln ser pro glu glu arg lys
1 5 10

<210> 91
<211> 8
<212> PRT
<213> Artificial Sequence

<400> 91
thr thr gln ser ile lys thr ile
1 5

<210> 92
<211> 11
<212> PRT
<213> Artificial Sequence

<400> 92
thr trp ser ala val his ser pro gln ser thr
1 5 10

<210> 93
<211> 14
<212> PRT
<213> Artificial Sequence

<400> 93
val ala ser thr ser thr gln ser leu pro thr ser trp ser
1 5 10

<210> 94
<211> 6
<212> PRT
<213> Artificial Sequence

<400> 94
val gly thr gln ser ile
1 5

<210> 95
<211> 11
<212> PRT
<213> Artificial Sequence

<400> 95
val lys lys arg ser arg ser lys lys lys leu
1 5 10

<210> 96
<211> 10
<212> PRT
<213> Artificial Sequence

<400> 96
val gln ser ala trp cys thr ser ala asp
1 5 10

<210> 97
<211> 14
<212> PRT
<213> Artificial Sequence

<400> 97
val ser ile glu asp asn thr glu ala
1 5

<210> 98
<211> 8
<212> PRT
<213> Artificial Sequence

<400> 98
val ser met glu asn gln ser ala
1 5

<210> 99
<211> 12
<212> PRT
<213> Artificial Sequence

<400> 99
val ser gln leu ser thr ser gln leu leu thr ser
1 5 10

<210> 100
<211> 7

<212> PRT

<213> Artificial Sequence

<400> 100

val thr ser leu arg arg ala

1 5